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Datasheet

ENGLISH

**Stock No: 265-3038**

# RS Pro Single Core Harsh Environment Wire 100m, 1 mm² CSA



## Product Details:

**Silicone Rubber**

Tinned copper conductors covered with 0.8 mm wall thickness silicone rubber to BS 6195 table 4. Will satisfy a wide number of applications related to medical, electronic or electrical equipment which may be operated in environmental conditions where ozone, corona discharge, radiation, heat, weathering or the normally adverse effects of a wide range of oils, solvents, etc., may be encountered.

| CSA ($mm^2$) | Conductor Strands (mm) | Cable O/D (mm) | Current (A) | Max. Working Voltage (Vac) |
|---|---|---|---|---|
| 0.5 | 16 / 0.2 | 2.6 | 3 | 750 |
| 1 | 32 / 0.2 | 2.5 | 10 | 500 |

## Specifications:

| | |
|---|---|
| Cross Sectional Area: | 1 $mm^2$ |
| Sheath Colour: | Green/Yellow |
| Insulation Material: | Silicone Rubber |
| Resistant To: | Corona Discharge, Heat, Oils, Ozone, Radiation, Solvents, Weathering |
| Current Rating: | 10 A |
| Core Strands: | 32/0.2 mm |
| Minimum Operating Temperature: | -60°C |
| Maximum Operating Temperature: | +180°C |
| Operating Temperature Range: | -60 → +180 °C |
| Length: | 100m |
| Outer Diameter: | 2.5mm |
| Voltage Rating: | 500 V |
| Size of Strands: | 0.2 mm |
| Insulation Wall Thickness: | 0.8mm |
| Number of Strands: | 32 |
| Cable Shape: | Single Core |
| Conductor Material: | Copper |

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